

Work Order ID 134274

134274

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Wednesday, July 08, 2015 3:06:39 PM

Item ID: D3384-1

Accept

N900040100

Setup Start *NS1*

Revision ID:

Item Name: Cyclic Sock

Stop *NS2*

Start Date: 7/07/15 Start Qty: 2.00

Required Date: 7/07/15 Req'd Qty: 2.00

Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan: MLC

Date: JUL 09 2015

Tooling:

Date:

Run Start *NR1*

QC:

Date:

SPC (Y/N):

Date:

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr

Revision Nbr

D3384

Rev C

100

0.00

100

Purchasing

PURCHASING

Memo

0.00

Purchasing

Issue P/O: 29067 For D3384-1 Cyclic Sock Possible Supplier:
Tulmar Safety Systems Material release note is required

CZ JUL 09 2015 10

110

Receive & Inspect for Damage & Mat'l Certs

0.00

110

Packaging

Memo

0.00

Packaging

Ensure Material Release Note is attached

LOX SP15-07-20

120

QC6- Inspect dimensions to drawing

0.00

120

QC

Memo

0.00

Quality Control

⑩ DAS 38 9-89 JUL 21 2015

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																													
Date :		Step #:		QTY Effective :				MRB (QS1042) Approval																																																									
Description Work Order Deviation				Disposition				Completed By																																																									
								Lead hand / Supervisor Approval Verification																																																									
								QC / QA Coordinator Approval																																																									
Root Cause				FAULT CATEGORY																																																													
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐	Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐	Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐	Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐	Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐	Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐	Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐	Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐	LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐	Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐	Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____			
Misidentified ☐	Past Due ☐																																																																

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SH 20150727

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : _____					

Picklist Print

Wednesday, July 08, 2015 3:06:39 PM

Page 1

Work Order ID: 134274

134274

Parent Item: D3384-1

D3384-1

Parent Item Name: Cyclic Sock

Start Date: 7/07/15

Required Date: 7/07/15

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP A05.01.05New issueKJ/JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
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D3384-1P		Purchased	No			110	Each	0.0000	1				
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D3384-1P

Cyclic Sock

2/0X
10X 895-07-20

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : _____					

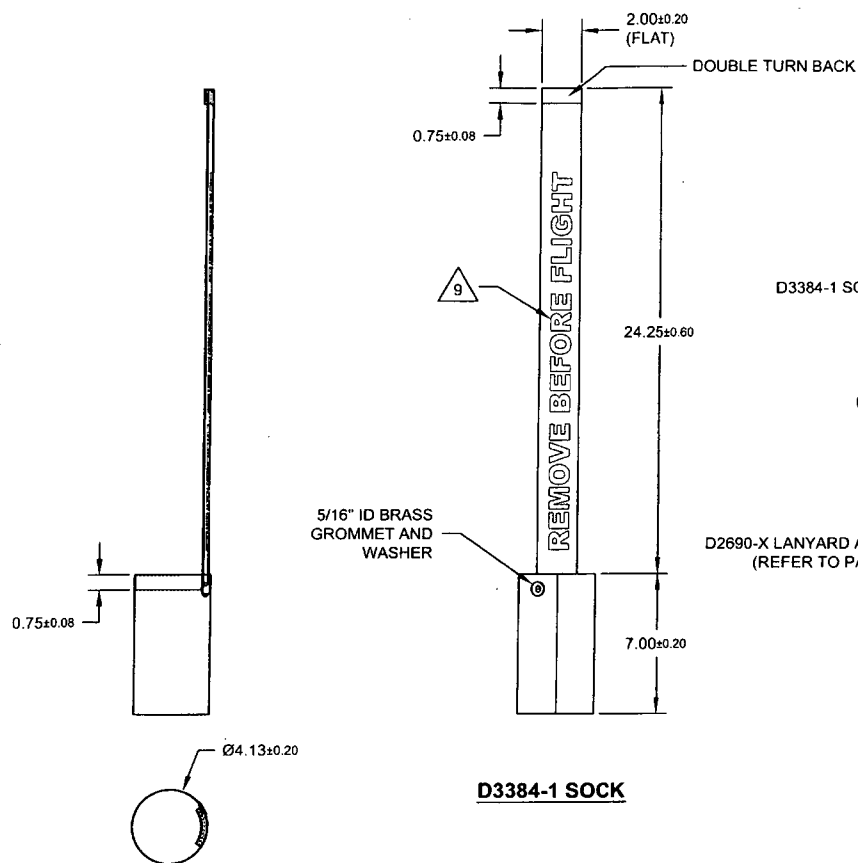
8 7 6 5 4 3 2 1

D

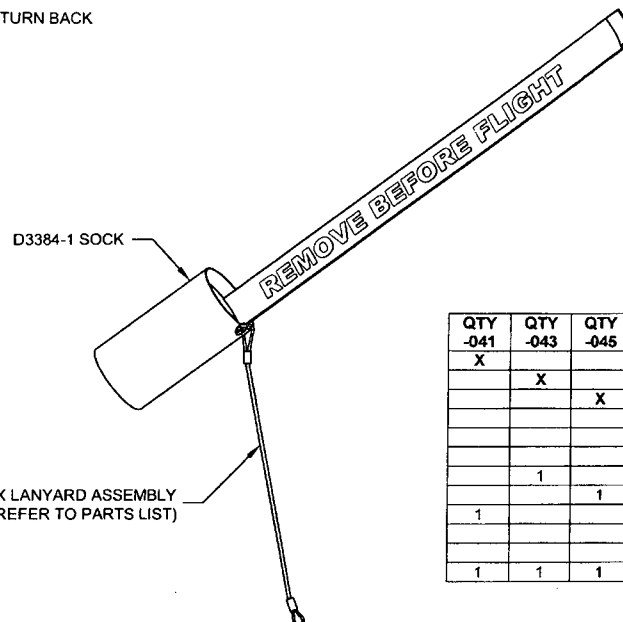
C

B

A



D3384-1 SOCK



D3384-0XX SOCK ASSEMBLY

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
NO 134274 MJS
1507-09

QTY -041	QTY -043	QTY -045	QTY -047	QTY -049	P/N	DESCRIPTION
X					D3384-041	SOCK ASSEMBLY
	X				D3384-043	SOCK ASSEMBLY
		X			D3384-045	SOCK ASSEMBLY
			X		D3384-047	SOCK ASSEMBLY
				X	D3384-049	SOCK ASSEMBLY
	1				D2690-8	LANYARD ASSEMBLY
		1			D2690-20	LANYARD ASSEMBLY
1			1		D2690-24	LANYARD ASSEMBLY
				1	D2690-28	LANYARD ASSEMBLY
				1	D2690-30	LANYARD ASSEMBLY
1	1	1	1	1	D3384-1	SOCK

RELEASED
2012-06-25

D3384-1 NOTES:

- 1) SUPPLIER: TULMAR P/N 8972
- 2) MATERIAL: 420 DENIER NYLON CLOTH, PVC COATED, COLOUR RED
- 3) THREAD: STITCHING IAW D-6193 6 TO 10 STITCHES PER INCH USING V-T-295 RED NYLON THREAD, TY2, CL A, SIZE E
- 4) FINISH: NONE
- 5) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 6) UNITS: INCHES UNLESS OTHERWISE NOTED
- 7) BREAK SHARP EDGES: N/A
- 8) IDENTIFICATION: NONE
- 9) WEIGHT: N/A
- 9) STENCIL THE FOLLOWING: "REMOVE BEFORE FLIGHT" ON BOTH SIDES OF STRIP WITH 1" LETTERS USING WHITE INK AS PER SUPPLIER

C	UPDATED NOTE 9. REASON: PAR12-204.	MB	12.06.25
B	CHG TOLERANCES DWG UPDATED ADD MATERIAL & SUPPLIER INFO	DC	07.11.23
A	NEW ISSUE	RF	05.01.20
REV.	DESCRIPTION	BY	DATE
DESIGN	<i>[Signature]</i>		
DRAWN	<i>[Signature]</i>		
CHECKED	<i>[Signature]</i>		
MFG. APPR.	<i>[Signature]</i>		
APPROVED	<i>[Signature]</i>		
DE APPR.	<i>[Signature]</i>		
DATE	12.06.25		

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA
DRAWING NO. D3384
TITLE: SOCK ASSEMBLY
REV. C
SHEET 1 OF 1
SCALE: NTS
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8 7 6 5 4 3 2 1



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO29067**

Purchase Order Date 7/9/2015

PO Print Date 7/9/2015

Page Number 1 of 2

Order From :

VC-TUL001

Ship To : DART AEROSPACE LTD

TULMAR SAFETY SYSTEMS
1123 CAMERON ST
HAWKESBURY, ON K6A 2B8
CA

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 613 632 1282

Ship To Contact

Ship To Phone

Ship Via: VENDOR'S TRUCK

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

CAD

FOB

FCA - (Free Carrier)

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	D3384-1P AS PER DWG D3384 REV. C B134274	Cyclic Sock	7/22/2015 Yes 7/22/2015		10.00 Each	\$27.45	\$274.50
Line Total:							\$274.50
2	71401-45	PROCUREMENT QUALITY CLAUSES	7/22/2015 No 7/22/2015		1.00	\$0.00	\$0.00
Procurement Quality Clauses							
A004 faa-pma/tso							
A005 right of entry							
A007 first article inspection (fai)							
A016 personnel qualification							
A026 certification of material conformance							
A040 notification of quality escape							
A041 quality management system							
A043 retention of quality document							
NOTE: TULMAR RETAINS RECORDS FOR 5 YRS ONLY							

Note:

7/9/2015

PACKING SLIP

TULMAR

Tulmar Safety Systems Inc.
1123 Cameron Street
Hawkesbury, ON K6A 2B8 CA
Tel: 613-632-1282
Fax: 613-632-2030
MID : XOTULSAF1123HAW
email: info@tulmar.com

Packing Slip No.

55198

Ship Date

20-Jul-15

Bill To:

Dart Aerospace

1270 Aberdeen Street
Hawkesbury, ON K6A 1K7. Canada

Ship to:

Dart Aerospace

1270 Aberdeen Street
Tel: 613-632-9577
Hawkesbury, ON K6A 1K7. Canada

Order number	Sales order date	Account number	Account manager
33166	9-Jul-15	CDART100	Francine Bigras
PO number	Ship Via	Shipping Terms	
PO29067	Pick-Up	FOB HAWKESBURY	
Item No.	Quantity ordered	UOM	Qty Shipped/Returned
Description			Quantity on back order

8972

10

EA

10

Cyclic, Sock, Colour Red/7"L x 4.125" Diam

Drawing No: D3384 (P/N D3384-1)

DWG Rev: C

LN 1

QA Clauses - A004 A005 A007 A016

A026 A040 A041 A043(5days only)

Lot No: BATCH0000000032 Qty: 10

Shipper

Date:

JUL 20 2015

Certificate of Conformance

☐ See Certification Enclosed

I hereby certify that the items listed hereon have been inspected, and / or tested (as applicable), conform to all specifications and requirements detailed in the contract or purchase order. Objective evidence to support this statement is on file, and can be made available upon request.

If any questions or concerns, please contact QA Manager @ 613-632-1282 ext. 245.

Authorized Inspector

Date:

JUL 20 2015

LORD & HODGE, Inc.

Grommets • Snap Fasteners • Vacu-Vises™

P.O. Box 737, Middletown, CT 06457-0737

TEL (860) 632-7006 FAX (860) 632-2192

Web: www.lordandhodge.comE-mail: customerservice@lordandhodge.com**WE CERTIFY THAT MATERIAL SUPPLIED ON:****PACKING LIST #: 84640****DATED: NOVEMBER 3, 2006****P.O. #: 11975****SOLD TO: TULMAR SAFETY SYSTEMS****QUANTITY: 35 GROSS****IS IN ACCORDANCE WITH SPECIFICATIONS: #1 GROM.& WASH.-BRASS**

 
Signature Title

rec # 4221/05



J. ENNIS FABRICS

June 20, 2012

Fax To: Tulmar Safety Systems
Fax: 613-632-2030
Attention: Meagan
Fax From: Crystal Harris

Certificate of Conformance

Re: PO 23462-00 Spotlight 11 Red

The goods shipped on P/O 23462-00 are as per sampled goods. Specification as follows:
As per mill documentation, Spotlight 11 Red is in compliance with the following standards:

Width:	Product is 58 inches wide.
Roll Size:	Average roll length is 50 yards.
Weight:	Product weight is 21.18 ounces per lineal yard. Product weight is 13.15 ounces per square yard.
Content:	100% Nylon
Coating:	Product has a Polyvinyl Chloride Coating
Denier:	420 Denier
Thread Count:	Construction is 48 x 34 threads per square inch.
Protective Finish:	Product is water repellant.
Hydro Resist:	Product has hydro-resistant properties. AATCC 127-1988: 5000mm
Breaking:	CAN 2-4.2-M77 Method 9.2 C.R.E. Grab: Warp: 408 lbs, Weft: 304 lbs
Tearing:	CAN 2-4.2-M77 Method 12.3 Pendulum: Warp: 25 lbs. Weft: 17.5 lbs
Elongation:	CAN 2-4.2-M77 Method 9.2 C.R.E. Grab: Warp: 58%, Weft: 51%
Cold Crack:	Cold Crack is - 20 degree Celsius
Cautions:	Not dimensionally stable with temperature change. Product fades with prolonged U.V. Exposure. PVC can crack or peel with exposure to extreme cold or solvents. Nylon is not suitable for boat tops, travel covers, tonneau covers or other outdoor applications.

Manufacture Date: 10/28/11

Lot Number: 402933

Sincerely;
J. Ennis Fabrics Ltd.

C. Harris

Crystal Harris
Customer Service Centre Team Lead/ Supervisor

BS⁴ 1738/5 (5)



THE

DISCOVERY/LANCER GROUP1-145 Riviera Drive, Markham Ontario L3R-5J6
Tel: 905-470-0744 Fax: 905-470-9454**Certificate of Compliance**DATE: JUNE 23 2011OUR PROD. NO.: TW-1091-4CUSTOMER P/O NO.: 20699-00CUSTOMER: Tulmar Safety Systems Inc.PRODUCT: TW MULTI PLASTIC RETARDERQTY. SHIPPED: 1 LITRELOT NO.: 311330ROLL NO.: MANUFACTURING DATE: MARCH 2011SHELF-LIFE: 5 YRS

We certify that the product,

TW-1091-4TW MULTI PLASTIC RETARDERwas manufactured, inspected and Conforms to specifications
applicable to the product.Signature: [Signature]Title: SHIPPERB8
TSS # 7306-RET/c



THE

DISCOVERY/LANCER GROUP

1-145 Riviera Drive, Markham Ontario L3R-5J6
Tel: 905-470-0744 Fax: 905-470-9454



Certificate of Compliance

DATE: OCT 19 2011

OUR PROD. NO.: 11021 (1012G)

CUSTOMER P/O NO.: 21570-00

CUSTOMER: Tulmar Safety Systems Inc.

PRODUCT: TW MULTI PLASTIC INK

QTY. SHIPPED: 2 GALLONS

LOT NO.: 010411027 X 2

ROLL NO.:

MANUFACTURING DATE: JAN 4th 2011.

SHELF-LIFE: 5 YEARS

We certify that the product,
11021 WHITE
TW MULTI PLASTIC INK

was manufactured, inspected and Conforms to specifications
applicable to the product.

Signature: [Signature]

Title: Shipped

BIS-150 (C)
Ex 7306-002



cansew inc.

formerly / anciennement
Canadian Sewing Supply Ltd. / Ltée – established / établie 1924

Manufacturers of sewing threads. / Wholesalers of elastics, Velcro, tapes, trimmings.
Fabricants de fils à coudre. / Grossistes d'élastiques, Velcro, galons, garnitures.

27 September 2011

Tulmar Safety Systems
1123 Cameron Street
Hawksbury, Ontario
K6A 2B8

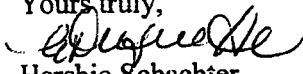
Att. Sandra Nadeau

CERTIFICATE OF COMPLIANCE

This is to certify that the item mentioned below, shipped to Tulmar Safety Systems by CANSEW INC. on 27 September 2011, has been produced in accordance with the requirements of your Purchase Order no. 21401-00 of 26 September:

-Thread, nylon, CBB69, colour #51 (red), V-T-295, type 2, class A, size E – 9.72 lb, lot # 1644502

Yours truly,


Hershie Schachter
CANSEW INC.

TSS # 2532/04 (2)

MONTREAL - Head Office/Siège social
111 Chabanel W / O H2N 1C9
Administration (514) 382-2807
Commandes/Orders (514) 382-2801
1-800-361-7722
FAX: (514) 385-5530

TORONTO
28 Apex Rd. M6A 2V2
(416) 782-1122
1-800-387-8584
FAX: (416) 782-8358

WINNIPEG
1674 Church Ave R2X 2W9
(204) 942-4264
1-800-665-0701
FAX: (204) 947-9280

CALGARY
3932 - 29th St. N.E. T1Y 6B6
(403) 291-4494
1-800-667-4197
FAX: (403) 291-5139

VANCOUVER
1615 Venables St. V5L 2H1
(604) 682-4341
1-800-580-0737
FAX: (604) 682-4196

info@cansew.ca

www.cansew.ca